



#14

SEQUENCE LISTING

10> Ono, Toshiro
Nakayama, Eiichi

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 Ser Thr Leu Gly Thr Thr Thr Gly Thr Thr Ser Xaa Leu Cys Thr Lys
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<213> Mus musculus

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55 Leu Ala Pro Gly Phe Leu His Phe Leu Gln Pro Asn Leu Pro Ile Tyr
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Leu Leu Gly Leu Thr Gln Lys Leu Gly Pro Ile Tyr Arg Ile Arg Leu
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60 Gly Met Gln Asp Val Val Val Leu Asn Ser Asn Arg Thr Ile Glu Glu
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Ala Leu Ile Gln Lys Trp Val Asp Phe Ala Gly Arg Pro His Met Leu

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15	Leu	Gln	Ala	Trp	Asn	His	Trp	Ser	Ile	Gln	Ile	Leu	Thr	Ile	Ile	Pro
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25	Glu	Gly	His	Val	His	Met	Ser	Val	Val	Asp	Leu	Phe	Ile	Gly	Gly	Thr
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 <213> Mus musculus

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	gctgatgaag	cccttgaagg	tggtggaccc	ggatcaccct	ctagcagccc	tttgtccgga	420
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5	aacgatcaaa	gatttgattt	ctttcagccc	tggcacccag	tacaacgcct	actacgagtt	540
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Val	Asp	Gly	Lys	Leu	Val	Lys	Ala	Ser	Phe	Ala	Pro	Ile	Ser	Phe	Ala
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Ile	Lys	Ala	Met	Lys	Glu	Gly	Arg	Tyr	Thr	Val	Leu	Ala	Glu	Ser	Lys
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	tccacaagaa	attgtagatt	acattgcaga	taagaaggat	gtgtatgaat	aaagtatcag
60	agccttcttc	ctcactgtga	ggactccaga	ggacacacga	tgccatcgtg	gccgactgac
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35 40 45
Ile Met Ala Met Glu Asp Glu Phe Gly Phe Glu Ile Pro Asp Ile Asp
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15 Ala Glu Lys Leu Met Cys Pro Gln Glu Ile Val Asp Tyr Ile Ala Asp
65 70 75 80
Lys Lys Asp Val Tyr Glu
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gatgcgaagg aagagtgtgg caaggtagaa tcacccctcg cagcgagggtg ctcggtctgc 180
30 agagctgagc tctcgaagca gaatggctcc tcggcctctc agatttcttc tgctgaaggc 240
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tacttttgtt tgcattgtcat gggttaatgg tccctgtaat ttggcagtggt gtgtaaaagc 660
ttattaaagt tcttcttttg ctttgaccca gaacaatggc atcatttgga ttttgtctg 720
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aaaaaaacca tctttaatag gaataagggt tataattgct tgtgttacag aaatgggtga 900
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35 40 45
Val Glu Ser Pro Pro Ala Ala Arg Cys Ser Ala Arg Arg Ala Glu Leu
50 55 60
60 Ser Lys Gln Asn Gly Ser Ser Ala Ser Gln Ile Ser Ser Ala Glu Gly
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 35 40 45
Ala His Ser Leu Arg Ser Ser Pro Ala Trp Gly Gly Val Val Thr Leu
 50 55 60
35 His Arg Lys Glu Gly Asp Ser Glu Phe Met Asn Ile Ile Ala Asn Glu
 65 70 75 80
Ile Gly Ser Glu Glu Thr Leu Leu Phe Leu Thr Val Gly Asp Glu Lys
 85 90 95
Gly Ala Gly Leu Phe Leu Leu Ala Gly Pro Ala Glu Ala Val Glu Thr
40 100 105 110
Leu Gly Pro Arg Val Ala Glu Val Leu Glu Gly Lys Gly Ala Gly Lys
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      Leu Ala Pro Ala Ala Ala Gln Asp Ser Thr Gln Ala Pro Thr Pro Gly
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25     agc cct ctc tct cct acc gaa tac gaa cgc ttc ttc gca ctg ctg act      201
      Ser Pro Leu Ser Pro Thr Glu Tyr Glu Arg Phe Phe Ala Leu Leu Thr
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30     cca acc tgg aag gca gag act acc tgc cgt ctc cgt gca acc cac ggc      249
      Pro Thr Trp Lys Ala Glu Thr Thr Cys Arg Leu Arg Ala Thr His Gly
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35     tgc cgg aat ccc aca ctc gtc cag ctg gac caa tat gaa aac cac ggc      297
      Cys Arg Asn Pro Thr Leu Val Gln Leu Asp Gln Tyr Glu Asn His Gly
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40     tta gtg ccc gat ggt gct gtc tgc tcc aac ctc cct tat gcc tcc tgg      345
      Leu Val Pro Asp Gly Ala Val Cys Ser Asn Leu Pro Tyr Ala Ser Trp
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45     ttt gag tct ttc tgc cag ttc act cac tac cgt tgc tcc aac cac gtc      393
      Phe Glu Ser Phe Cys Gln Phe Thr His Tyr Arg Cys Ser Asn His Val
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50     tac tat gcc aag aga gtc ctg tgt tcc cag cca gtc tct att ctc tca      441
      Tyr Tyr Ala Lys Arg Val Leu Cys Ser Gln Pro Val Ser Ile Leu Ser
           120                      125                      130

55     cct aac act ctc aag gag ata gaa gct tca gct gaa gtc tca ccc acc      489
      Pro Asn Thr Leu Lys Glu Ile Glu Ala Ser Ala Glu Val Ser Pro Thr
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      Thr Met Thr Ser Pro Ile Ser Pro His Phe Thr Val Thr Glu Arg Gln
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      acc ttc cag ccc tgg cct gag agg ctc agc aac aac gtg gaa gag ctc      585
      Thr Phe Gln Pro Trp Pro Glu Arg Leu Ser Asn Asn Val Glu Glu Leu
           165                      170                      175

      cta caa tcc tcc ttg tcc ctg gga ggc cag gag caa gcg cca gag cac      633
      Leu Gln Ser Ser Leu Ser Leu Gly Gly Gln Glu Gln Ala Pro Glu His

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10	gag Glu	gag Glu	gga Gly 230	aag Lys	cag Gln	gaa Glu	gaa Glu	gga Gly 235	cag Gln	ggg Gly	act Thr	aag Lys	gag Glu 240	gga Gly	cgg Arg	gag Glu	777
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Pro Glu His Lys Gln Glu Gln Gly Val Glu His Arg Gln Glu Pro Thr
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Gly Arg Glu Ala Val Ser Gln Leu Gln Thr Asp Ser Glu Pro Lys Phe
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10 His Ser Glu Ser Leu Ser Ser Asn Pro Ser Ser Phe Ala Pro Arg Val
260 265 270
Arg Glu Val Glu Ser Thr Pro Met Ile Met Glu Asn Ile Gln Glu Leu
275 280 285
15 Ile Arg Ser Ala Gln Glu Ile Asp Glu Met Asn Glu Ile Tyr Asp Glu
290 295 300
Asn Ser Tyr Trp Arg Asn Gln Asn Pro Gly Ser Phe Leu Gln Leu Pro
305 310 315 320
His Thr Glu Ala Leu Leu Val Leu Cys Tyr Ser Ile Val Glu Asn Thr
325 330 335
20 Cys Ile Ile Thr Pro Thr Ala Lys Ala Trp Lys Tyr Met Glu Glu Glu
340 345 350
Ile Leu Gly Phe Gly Lys Ser Val Cys Asp Ser Leu Gly Arg Arg His
355 360 365
25 Met Ser Thr Cys Ala Leu Cys Asp Phe Cys Ser Leu Lys Leu Glu Gln
370 375 380
Cys His Ser Glu Ala Ser Leu Gln Arg Gln Gln Cys Asp Thr Ser His
385 390 395 400
Lys Thr Pro Phe Val Ser Pro Leu Leu Ala Ser Gln Ser Leu Ser Ile
405 410 415
30 Gly Asn Gln Val Gly Ser Pro Glu Ser Gly Arg Phe Tyr Gly Leu Asp
420 425 430
Leu Tyr Gly Gly Leu His Met Asp Phe Trp Cys Ala Arg Leu Ala Thr
435 440 445
35 Lys Gly Cys Glu Asp Val Arg Val Ser Gly Trp Leu Gln Thr Glu Phe
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Tyr Ile Gln Tyr Pro Asn Tyr Cys Ser Phe Lys Ser Gln Gln Cys Leu
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440 445 450
5 gaa gat gtc cga gtc tct ggg tgg ctc cag act gag ttc ctt agc ttc 1449
Glu Asp Val Arg Val Ser Gly Trp Leu Gln Thr Glu Phe Leu Ser Phe
455 460 465
10 cag gat ggg gat ttc cct acc aag att tgt gac aca gac tat atc cag 1497
Gln Asp Gly Asp Phe Pro Thr Lys Ile Cys Asp Thr Asp Tyr Ile Gln
470 475 480
15 tac cca aac tac tgt tcc ttc aaa agc cag cag tgt ctg atg aga aac 1545
Tyr Pro Asn Tyr Cys Ser Phe Lys Ser Gln Gln Cys Leu Met Arg Asn
485 490 495
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